

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018589.D
 Acq On : 16 Jan 2019 18:38
 Operator : JU/SJ
 Sample : K1149-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW003-190114-01

Quant Time: Jan 17 01:25:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

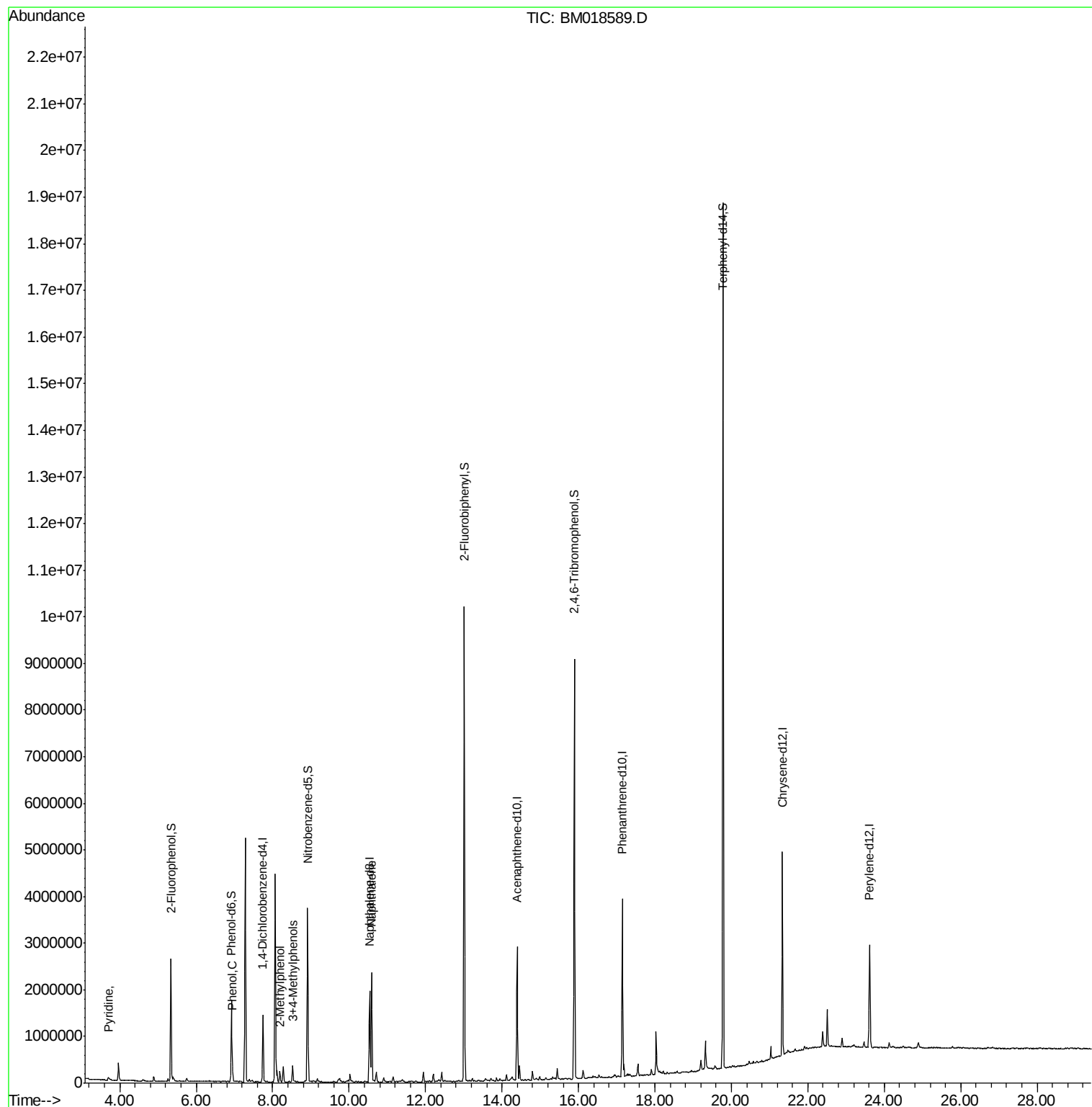
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	392609	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	1658419	20.00	ng	-0.01
39) Acenaphthene-d10	14.40	164	967420	20.00	ng	-0.01
64) Phenanthrene-d10	17.14	188	2193131	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	1964033	20.00	ng	-0.01
87) Perylene-d12	23.61	264	1592371	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1135212	53.39	ng	-0.01
7) Phenol-d6	6.92	99	940393	34.82	ng	-0.01
23) Nitrobenzene-d5	8.92	82	2065669	72.21	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1574742	127.84	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	5338721	72.01	ng	-0.01
79) Terphenyl-d14	19.78	244	8350352	89.63	ng	0.00
Target Compounds						
3) Pyridine	3.70	79	49831	2.306	ng	96
10) Phenol	6.95	94	156843	5.715	ng	98
17) 2-Methylphenol	8.19	107	67977	3.649	ng	97
20) 3+4-Methylphenols	8.52	107	139650	5.431	ng	89
31) Naphthalene	10.59	128	1934190	24.217	ng	99

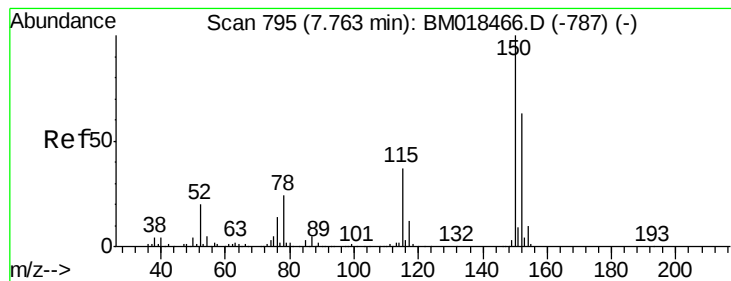
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
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QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration



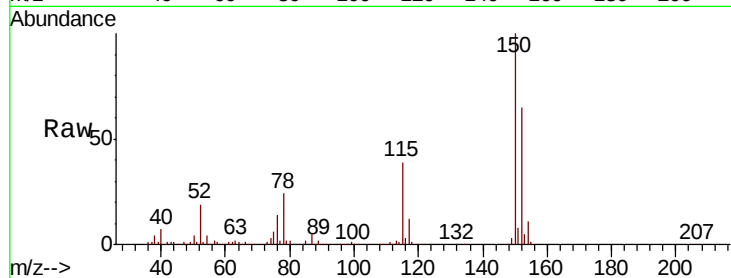


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018589.D
Acq: 16 Jan 2019 18:38

Instrument :
BNA_M
ClientSampleId :
SW003-190114-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.9	190.3
115	60.0	45.5	68.3

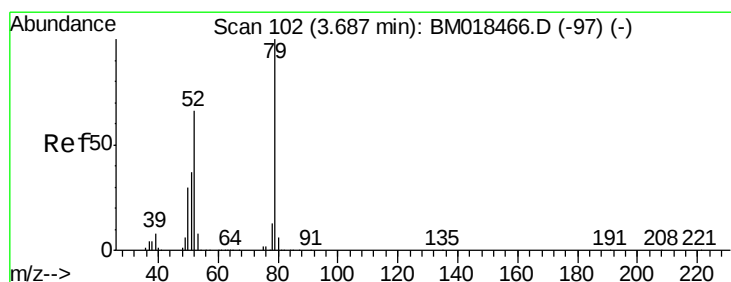
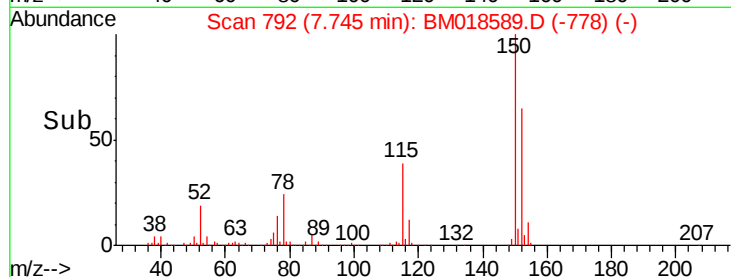
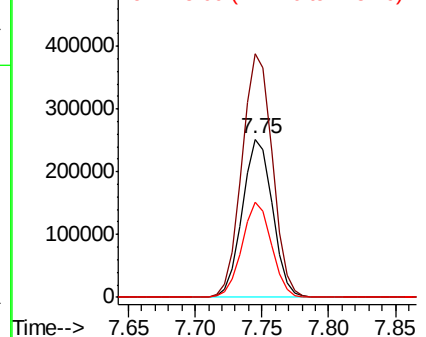


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

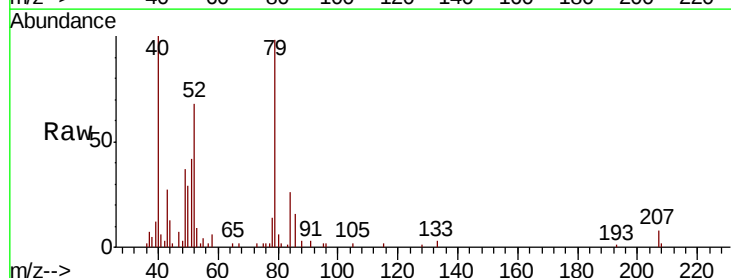
Ion 115.00 (114.70 to 115.70): E



#3

Pyridine
Concen: 2.306 ng
RT: 3.70 min Scan# 104
Delta R.T. -0.01 min
Lab File: BM018589.D
Acq: 16 Jan 2019 18:38

Tgt Ion	Ratio	Lower	Upper
79	100		
52	69.0	56.4	84.6
51	43.0	31.0	46.4

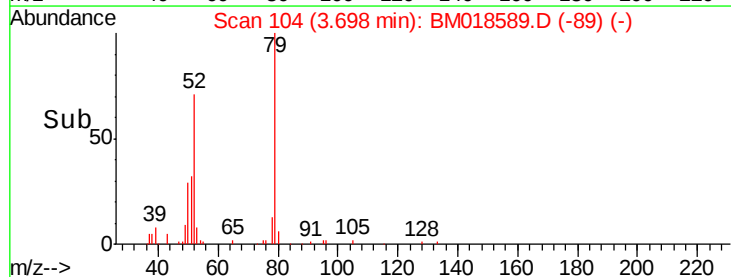
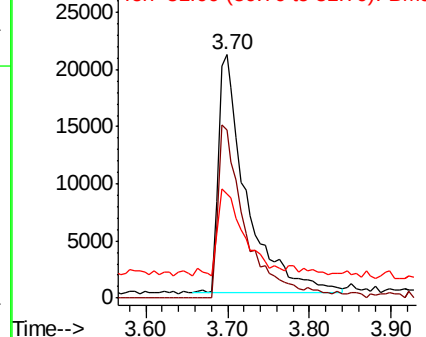


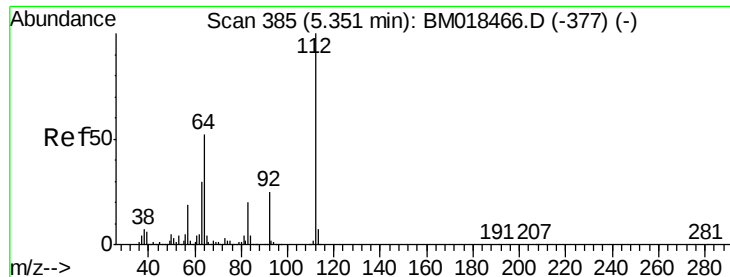
Abundance

Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0





#5

2-Fluorophenol

Concen: 53.391 ng

RT: 5.34 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM018589.D

Acq: 16 Jan 2019 18:38

Instrument :

BNA_M

ClientSampleId :

SW003-190114-01

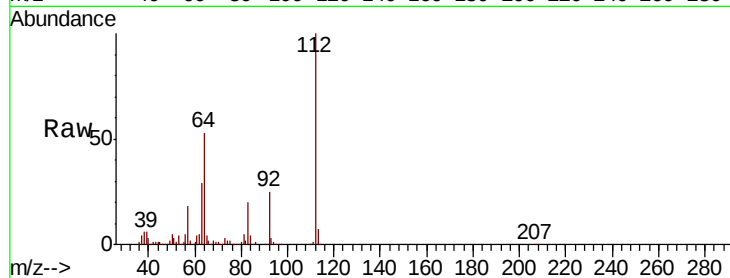
Tot Ion:112 Resp: 1135212

Ion Ratio Lower Upper

112 100

64 53.1 46.5 69.7

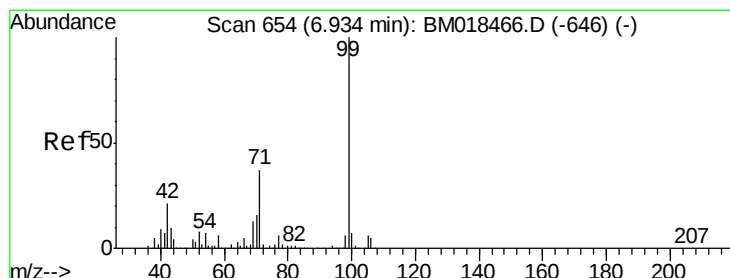
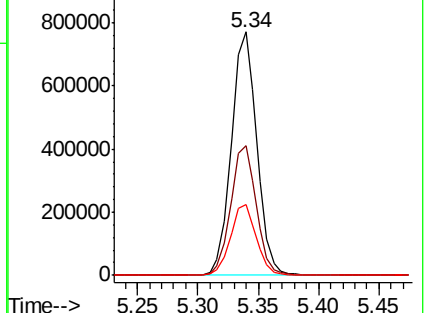
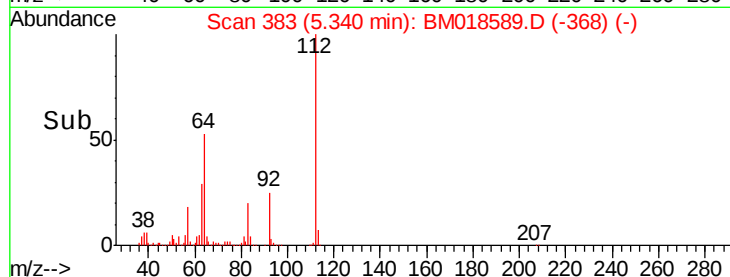
63 29.1 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 34.822 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018589.D

Acq: 16 Jan 2019 18:38

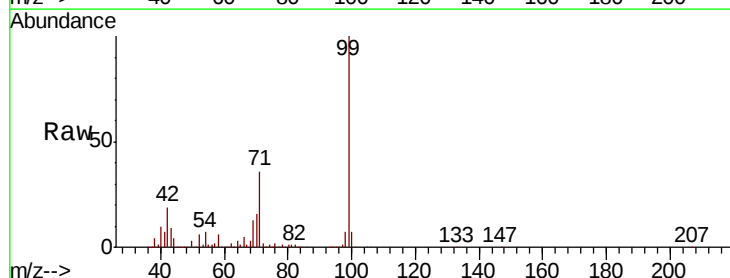
Tgt Ion: 99 Resp: 940393

Ion Ratio Lower Upper

99 100

42 19.0 17.3 25.9

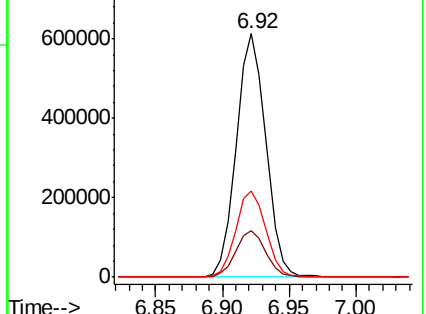
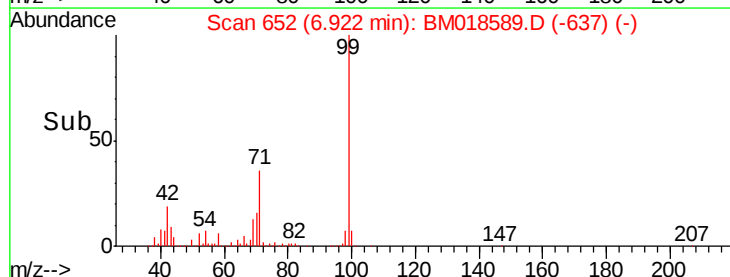
71 35.5 28.0 42.0

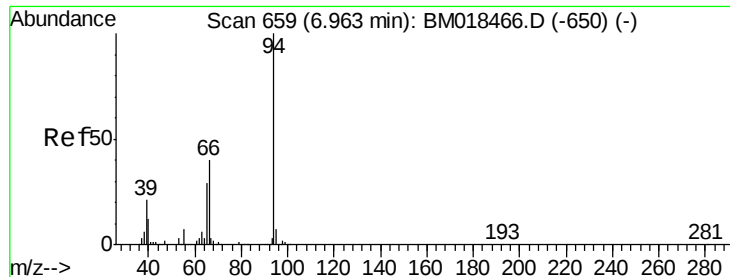


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#10

Phenol

Concen: 5.715 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM018589.D

Acq: 16 Jan 2019 18:38

Instrument :

BNA_M

ClientSampleId :

SW003-190114-01

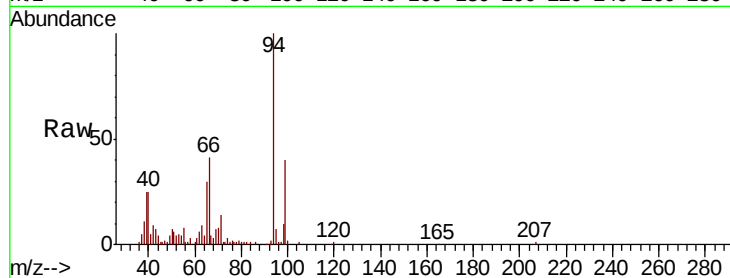
Tot Ion: 94 Resp: 156843

Ion Ratio Lower Upper

94 100

65 30.0 9.4 49.4

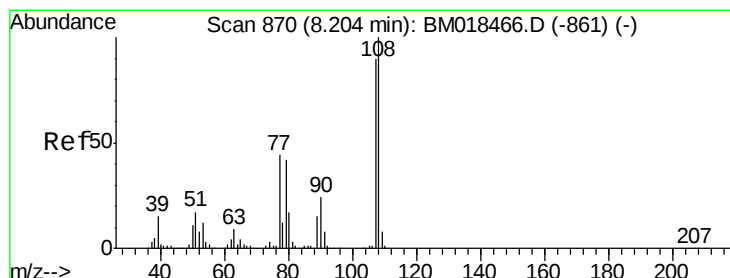
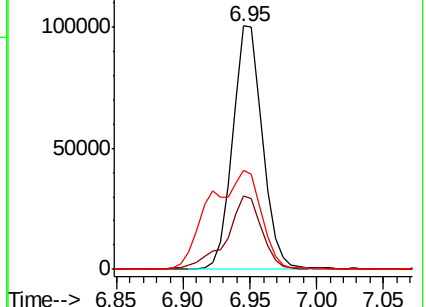
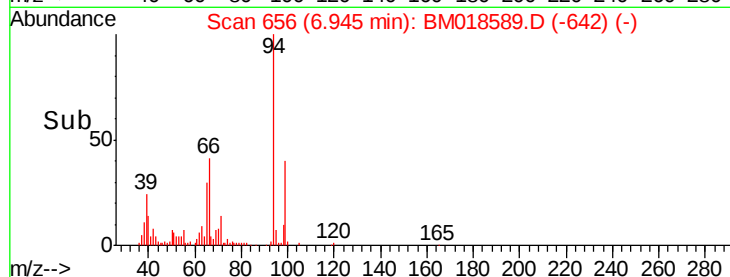
66 40.8 19.1 59.1



Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)



#17

2-Methylphenol

Concen: 3.649 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM018589.D

Acq: 16 Jan 2019 18:38

Tgt Ion: 107 Resp: 67977

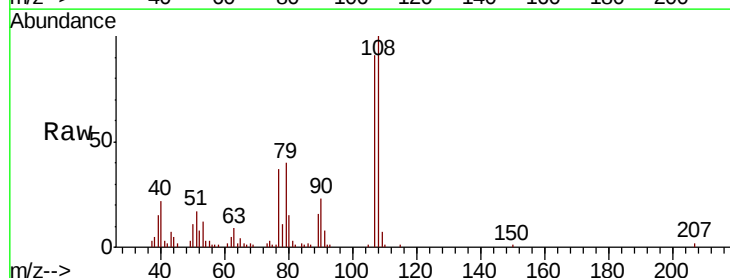
Ion Ratio Lower Upper

107 100

108 110.3 87.5 131.3

77 41.2 37.3 55.9

79 44.2 36.4 54.6

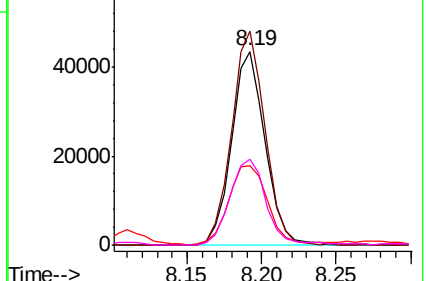
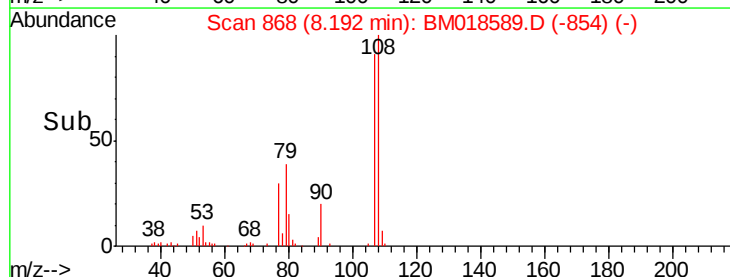


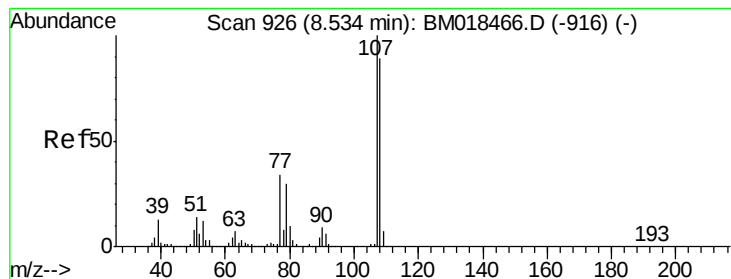
Abundance Ion 107.00 (106.70 to 107.70): BM018466.D (-861) (-)

Ion 108.00 (107.70 to 108.70): BM018466.D (-861) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-861) (-)

Ion 79.00 (78.70 to 79.70): BM018466.D (-861) (-)





#20

3+4-Methylphenols

Concen: 5.431 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM018589.D

Acq: 16 Jan 2019 18:38

Instrument :

BNA_M

ClientSampleId :

SW003-190114-01

Tot Ion:107 Resp: 139650

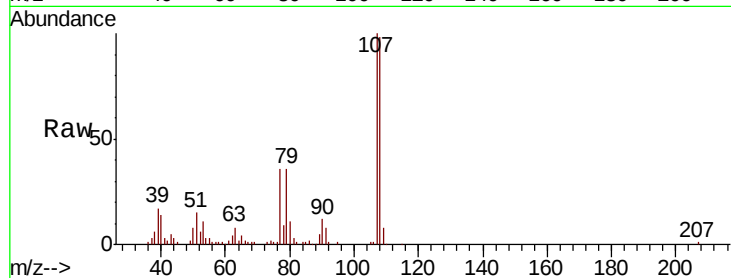
Ion Ratio Lower Upper

107 100

108 97.9 66.8 106.8

77 35.9 13.3 53.3

79 36.1 8.8 48.8

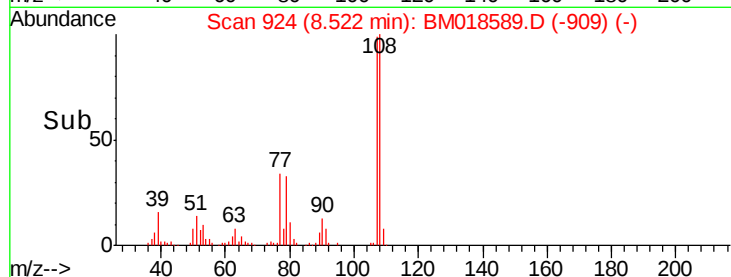


Abundance Ion 107.00 (106.70 to 107.70): E

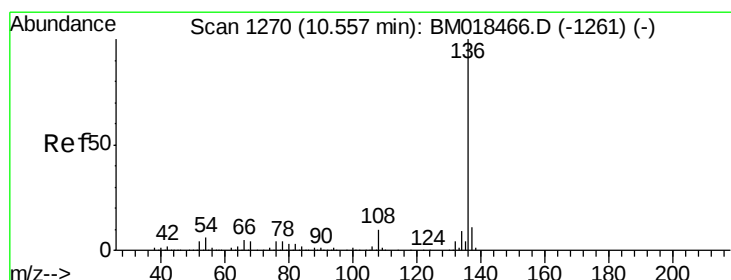
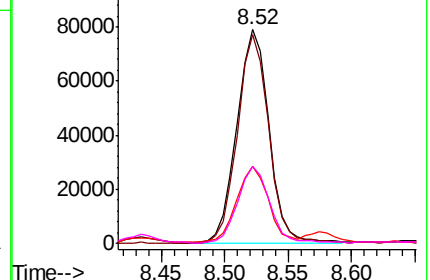
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM018589.D

Acq: 16 Jan 2019 18:38

Tgt Ion:136 Resp: 1658419

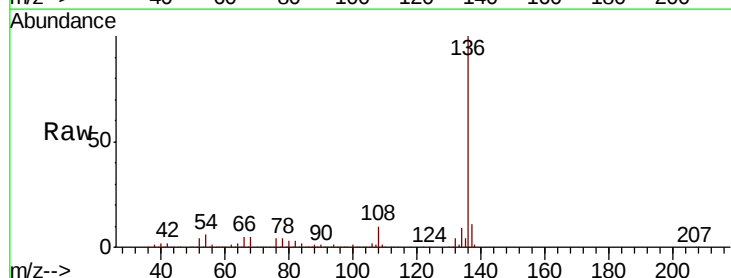
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.3 6.0 9.0

68 4.6 4.5 6.7

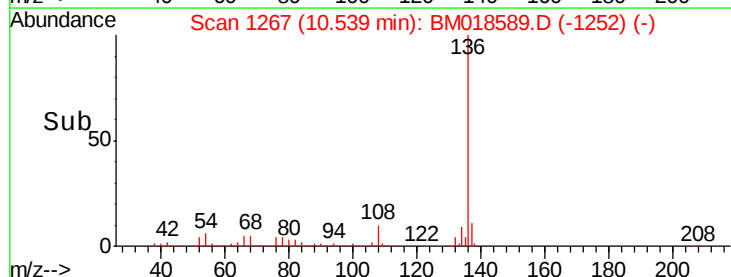


Abundance Ion 136.00 (135.70 to 136.70): E

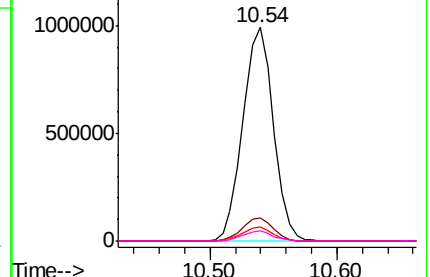
Ion 137.00 (136.70 to 137.70): E

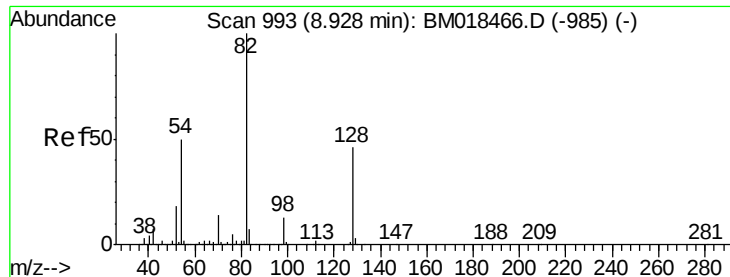
Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



Time-->

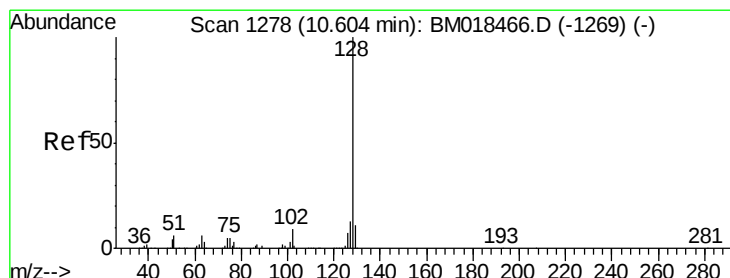
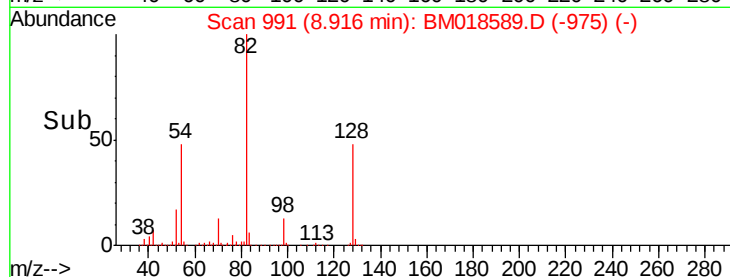
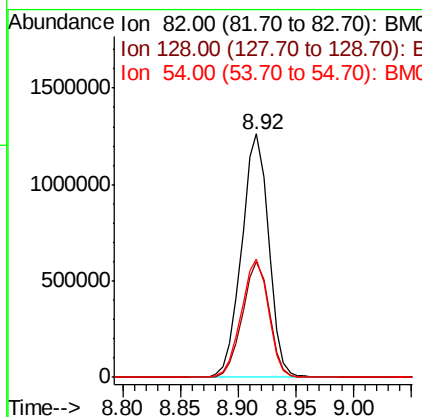
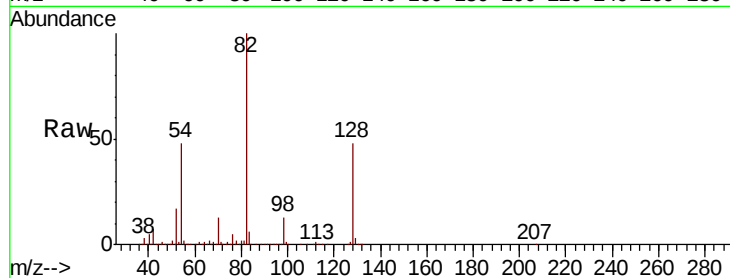




#23
Nitrobenzene-d5
Concen: 72.207 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018589.D
Acq: 16 Jan 2019 18:38

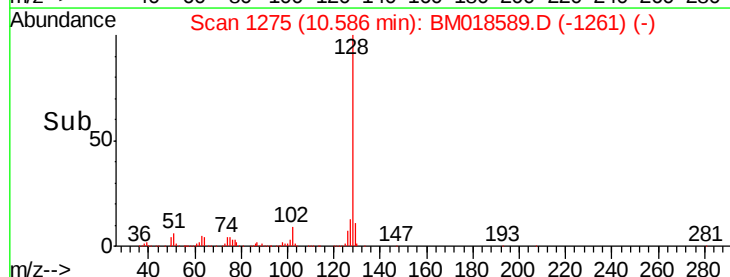
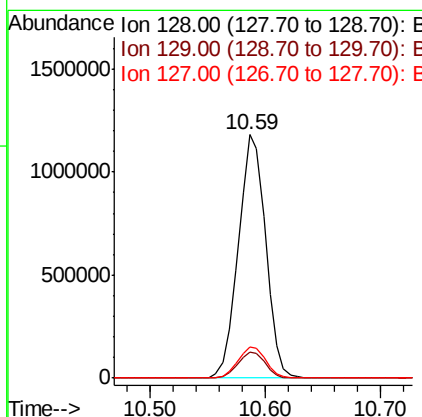
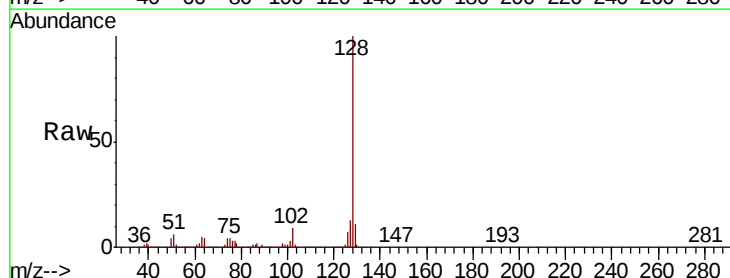
Instrument :
BNA_M
ClientSampleId :
SW003-190114-01

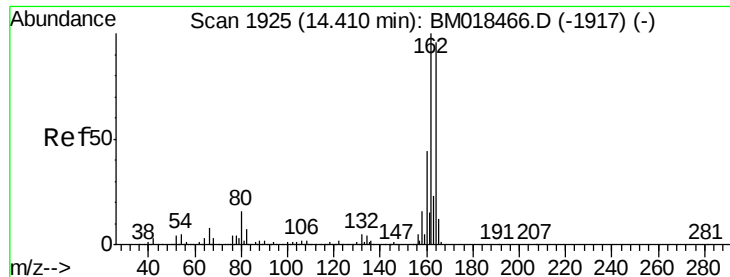
Tot Ion: 82 Resp: 2065669
Ion Ratio Lower Upper
82 100
128 47.5 36.3 54.5
54 48.3 41.7 62.5



#31
Naphthalene
Concen: 24.217 ng
RT: 10.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM018589.D
Acq: 16 Jan 2019 18:38

Tgt Ion:128 Resp: 1934190
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.8 16.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM018589.D

Acq: 16 Jan 2019 18:38

Instrument :

BNA_M

ClientSampleId :

SW003-190114-01

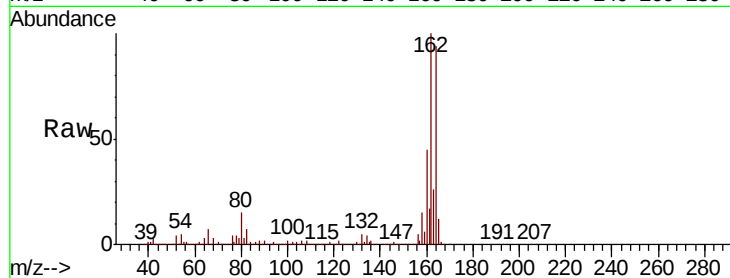
Tot Ion:164 Resp: 967420

Ion Ratio Lower Upper

164 100

162 105.9 83.0 124.4

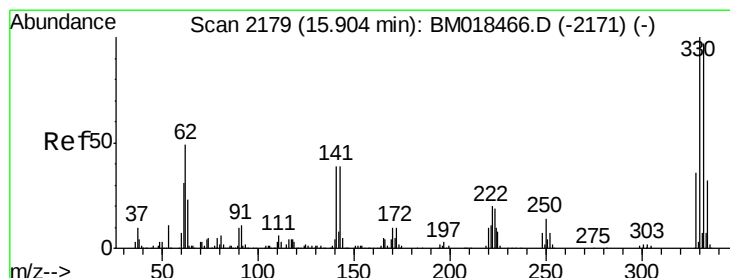
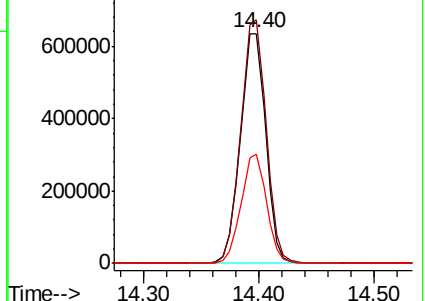
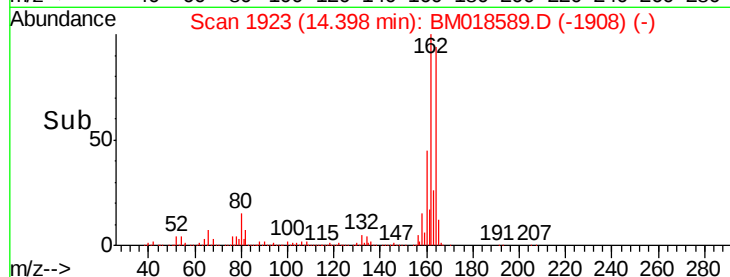
160 47.5 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 127.841 ng

RT: 15.89 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BM018589.D

Acq: 16 Jan 2019 18:38

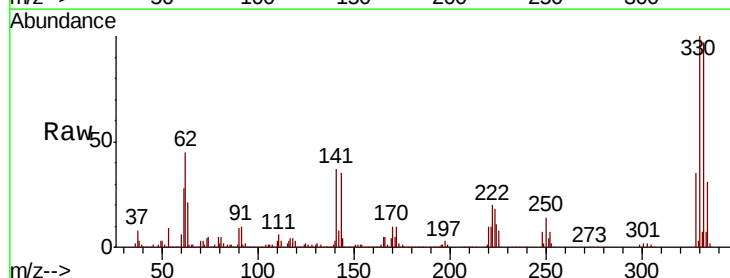
Tgt Ion:330 Resp: 1574742

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

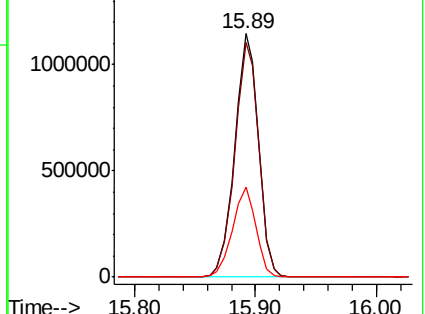
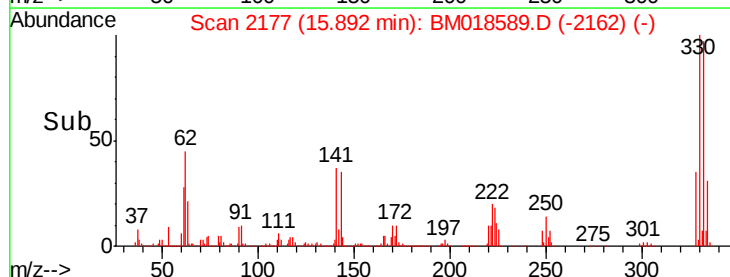
141 36.9 31.7 47.5

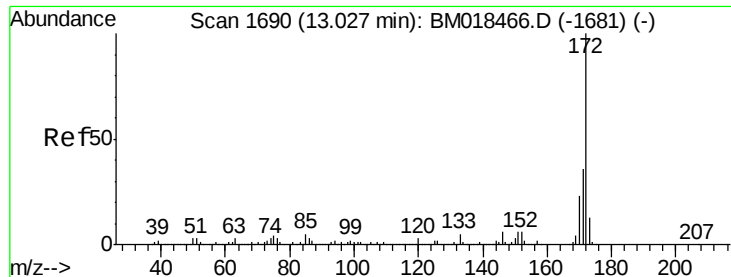


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

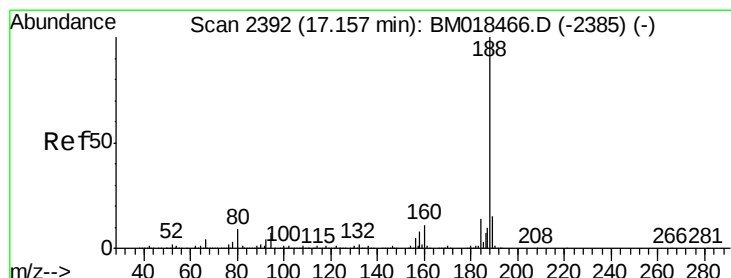
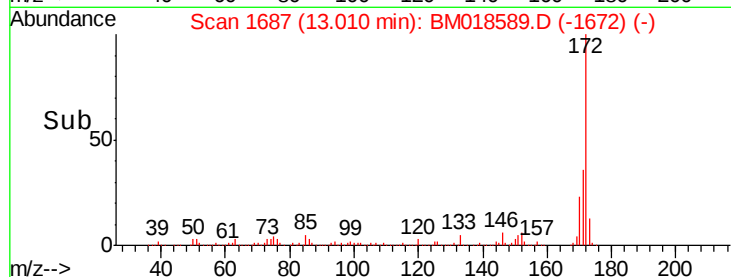
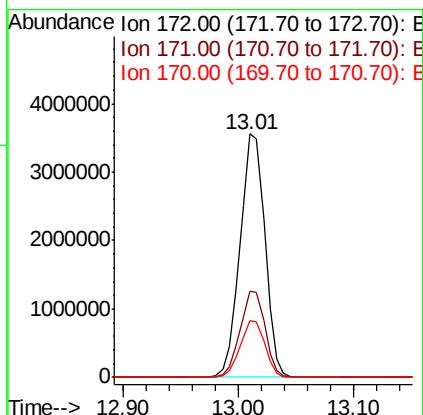
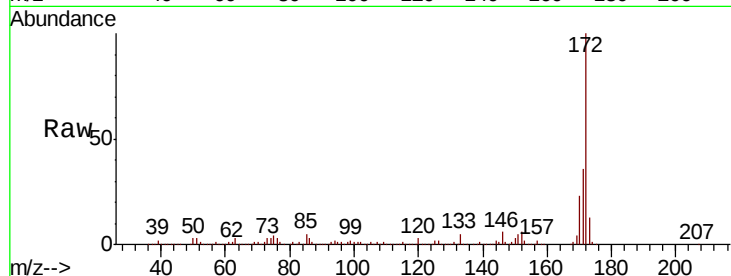




#45
2-Fluorobiphenyl
Concen: 72.009 ng
RT: 13.01 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BM018589.D
Acq: 16 Jan 2019 18:38

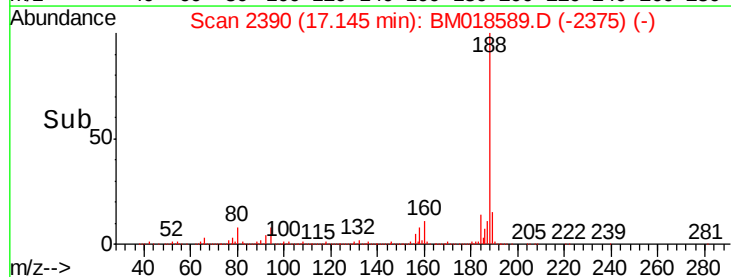
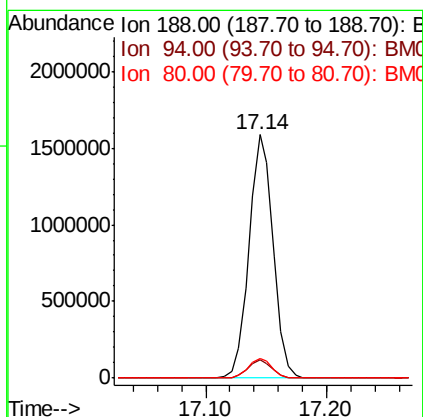
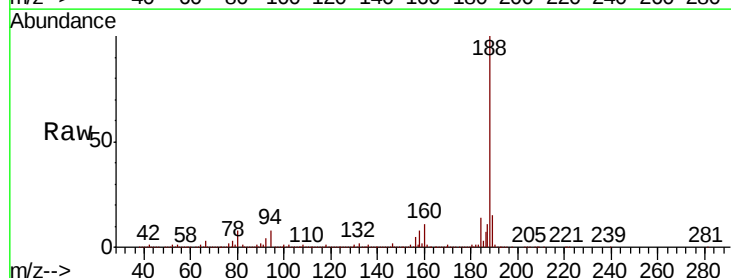
Instrument :
BNA_M
ClientSampleId :
SW003-190114-01

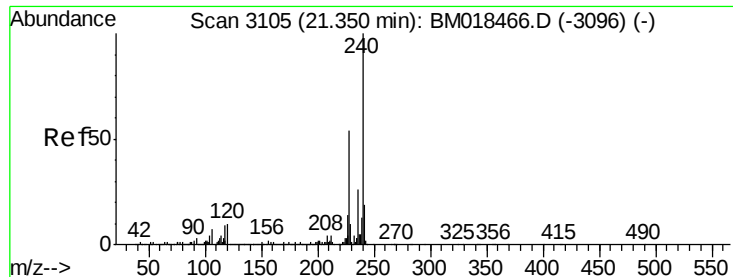
Tot Ion:172 Resp: 5338721
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.4 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018589.D
Acq: 16 Jan 2019 18:38

Tgt Ion:188 Resp: 2193131
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.1 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018589.D

Acq: 16 Jan 2019 18:38

Instrument :

BNA_M

ClientSampleId :

SW003-190114-01

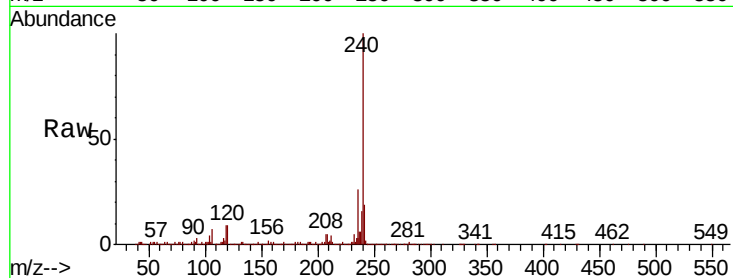
Tot Ion:240 Resp: 1964033

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

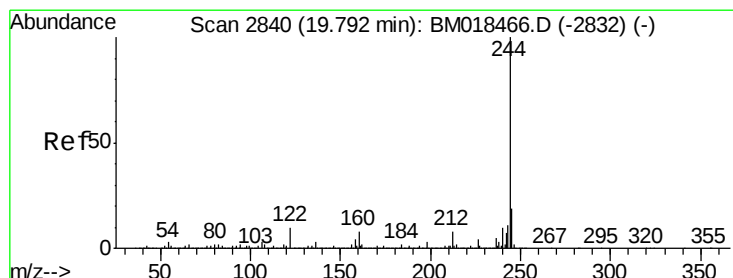
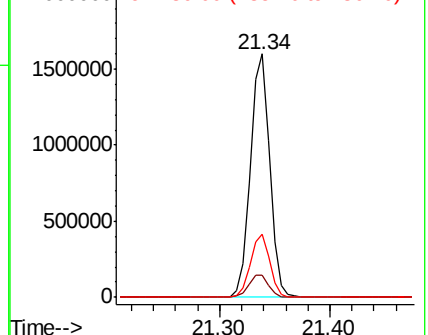
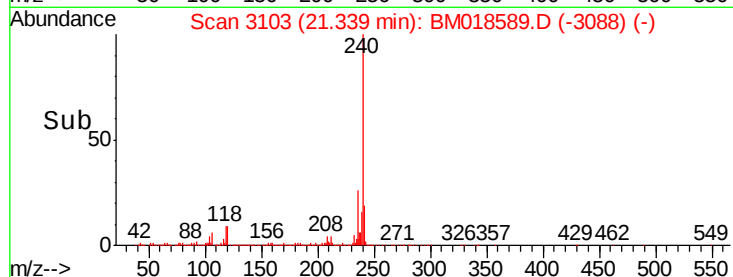
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 89.626 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018589.D

Acq: 16 Jan 2019 18:38

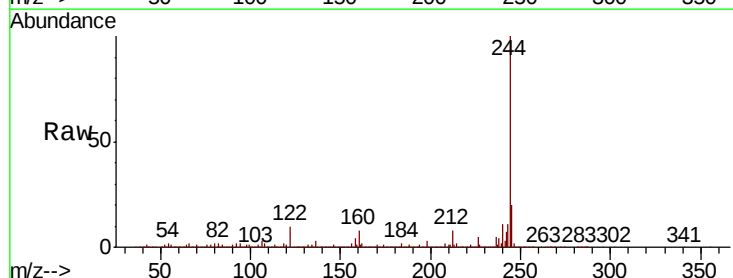
Tgt Ion:244 Resp: 8350352

Ion Ratio Lower Upper

244 100

212 8.0 5.9 8.9

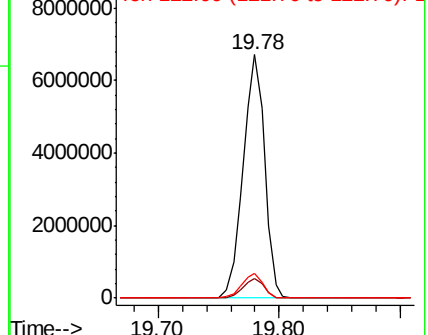
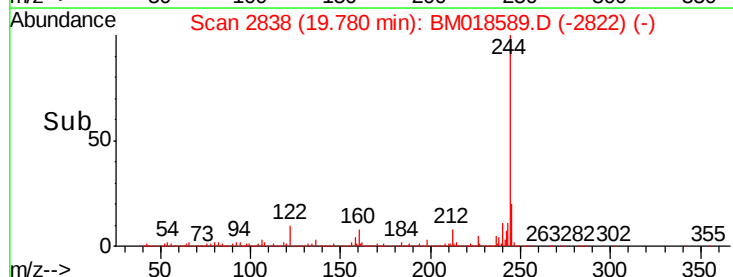
122 9.9 9.0 13.4

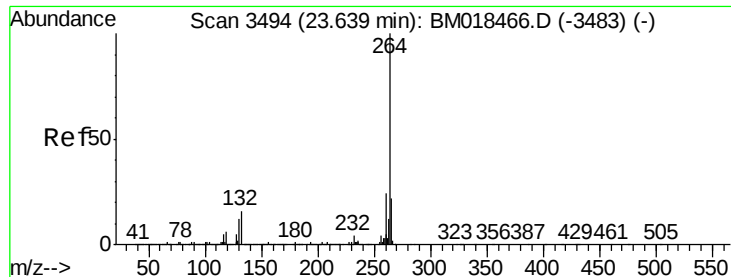


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.61 min Scan# 3490
 Delta R.T. -0.02 min
 Lab File: BM018589.D
 Acq: 16 Jan 2019 18:38

Instrument :
 BNA_M
 ClientSampleId :
 SW003-190114-01

Tot Ion:264 Resp: 1592371
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.0 16.8 25.2

